1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION

H n a some in

VOIT ET AL.

SERIAL No. 09/851,214

FILED:

May 08, 2001

For:

HYDROGENATION CATALYSTS

CONFIRMATION No.: 4235

GROUP ART UNIT:

1626

EXAMINER:

EBENEZER O. SACKEY

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

June 06, 2003

Date of Deposit

Herbert B. Keil

Person Making Deposit

Signature

June 06, 2003

Date of Signature

06/10/2003 GWORDDF1 00000019 09851214

01 FC:1806

180.00 OP

Honorable Commissioner for Patents Alexandria, VA 22313-1450

## Information Disclosure Statement

Sir:

This subject Information Disclosure Statement is submitted in connection with applicants' continuing duty of disclosure under 37 C.F.R. §1.56.

## LISTING OF RELEVANT DOCUMENTS:

The relevant documents are listed in the attached Form PTO-1449.

## REMARKS:

The listed document (AA) is discussed in col. 1, indicated lines 8 to 17, of **Dewdney et al.** (US 3,986,985) and relates to a hydrogenation of adipodinitrile to aminocapronitrile and minor amounts of hexamethylene diamine in the presence of an iron catalyst. Example 1 of (AA) illustrates the reaction in the presence of a catalyst wherein the active component consists of iron. The reaction is con-

- 1 -

Paper No. 12

ducted at 85°C and yields, in addition to 4,6 wt.-% residues, 12,2 wt.-% hexamethylenediamine and 82.3 wt.-% aminocapronitrile at a conversion of 90%.

## FEE UNDER 37 C.F.R. \$1.17(P):

A check covering the \$180.00 fee set forth in 37 C.F.R. §1.17(p) is attached.

Please charge any shortage in fees due in connection with the filing of this paper, including Extension of Time fees to Deposit Account No. 11.0345. Please credit any excess fees to such deposit account.

Respectfully submitted,

KEIL & WEINKAUF

Herbert B. Keil

Reg. No. 18,967

1350 Connecticut Ave, N.W. Washington, D.C. 20036 (202) 659-0100

Encl.: Form PTO-1449

HBK/BAS

Form PTO-1449				DOCKET NUMBER: PF 0000052548		APPLICATION NUMBER: 09/851,214		
ONFORMATION DISCLOSURE CITATION IN AN APPLICATION (use several sheets if necessary)			TION	APPLICANT: VOIT et al. FILING DATE: May 08, 2001		CONFIRMATION NUMBER: 4235 GROUP ART UNIT: 1626		
FAMELIN	.est	U.S. PA	ATENT DOC	JMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	1	IAME	CLASS	SUB- CLASS		DATE OPRIATE
Α						<u> </u>		1
В			·			EG/CE		
С							120	
D						<b>\</b>	<u> </u>	<b>*</b>
E				·		CC	W,	1//
F						100	1	200
G							150	1003
н							6	2000
1								7.590
J								
К								
L		1 1			1			
L M								
	-	FOREIGN	I PATENT DO	DCUMENTS				
M	DOCUMENT NUMBER	FOREIGN	OUNTRY	DCUMENTS NAME	CLAS	S SUB- CLASS	TRANS	SLATION NO
М	DOCUMENT NUMBER	DATE			CLAS		<b></b>	<del> </del>
M EXAMINER INITIAL		DATE	COUNTRY	NAME	CLAS		<b></b>	NO
EXAMINER INITIAL AA AB		DATE	COUNTRY	NAME	CLAS		<b></b>	NO
EXAMINER INITIAL AA		DATE	COUNTRY	NAME	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD		DATE	COUNTRY	NAME	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD  AE		DATE	COUNTRY	NAME	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD		09/52 Ge	COUNTRY	NAME ADAM et al.	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD  AE		09/52 Ge	country	NAME ADAM et al.	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD  AE  AF	DE 848 654	09/52 Ge	country	NAME ADAM et ai.	CLAS		<b></b>	NO
EXAMINER INITIAL  AA AB AC AD AE AF	DE 848 654	09/52 Ge	country	NAME ADAM et ai.	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD  AE  AF	DE 848 654	09/52 Ge	country	NAME ADAM et ai.	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD  AE  AF  EXAMINER INITIAL  BA  BB	DE 848 654	09/52 Ge	country	NAME ADAM et ai.	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD  AE  AF  EXAMINER INITIAL  BA  BB  BC	DE 848 654	09/52 Ge	country	NAME ADAM et ai.	CLAS		<b></b>	NO
EXAMINER INITIAL  AA  AB  AC  AD  AE  AF  EXAMINER INITIAL  BA  BB  BC  BD	DE 848 654	09/52 Ge	country	NAME ADAM et ai.	CLAS		<b></b>	NO